

CD NO.

DATE DISTR. 31 October 1952

NO. OF PAGES 1

NO. OF ENCLS.
(LISTED BELOW)

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SUPPLEMENT TO
REPORT NO.

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1. The development of the germanium transistor at Oberspreewerke has been essentially completed. The transistors have been employed with success in high frequency circuits; they have also been built into many OSW instruments. The devices have been delivered to RFT-Radeberg in large quantities. Only about five percent of the completed instruments, however, proved on examination to be usable. It has not yet been possible to lower the high proportion of defective devices. A particular complaint is that much breakage occurs during the shaking test. Dr. (fnu) Bingel is now attempting to apply a welding process to correct this.
2. The germanium used is said to come from the Soviet Union. It is not used in pure form but mixed, probably with Silicon.*
3. Until about a year ago, Ing. (fnu) Müller, known at OSW by the nickname of "Quarz-Müller" because he had charge of the work on high frequency quartz crystals, worked on the development of the germanium transistor. The present specialist on the device is Dr. Bingel. Müller has left the DDR and is now reported to be in Hamburg.

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Comment: It is believed that use of the germanium deposit at Mansfield is too expensive).

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